SIEMENS

Data sheet 3RV2411-1DA20



Circuit breaker size S00 for transformer protection A-release 2.2...3.2 A N release 65 A Spring-type terminal Standard switching capacity

| product brand name | SIRIUS |
|---|----------------------------|
| product designation | Circuit breaker |
| design of the product | For transformer protection |
| product type designation | 3RV2 |
| General technical data | |
| size of the circuit-breaker | S00 |
| size of contactor can be combined company-specific | S00, S0 |
| product extension auxiliary switch | Yes |
| power loss [W] for rated value of the current | |
| at AC in hot operating state | 7.25 W |
| at AC in hot operating state per pole | 2.4 W |
| insulation voltage with degree of pollution 3 at AC rated value | 690 V |
| surge voltage resistance rated value | 6 kV |
| maximum permissible voltage for safe isolation in networks with grounded star point | |
| between main and auxiliary circuit | 400 V |
| between main and auxiliary circuit | 400 V |
| shock resistance acc. to IEC 60068-2-27 | 25g / 11 ms |
| mechanical service life (switching cycles) | |
| of the main contacts typical | 100 000 |
| of auxiliary contacts typical | 100 000 |
| electrical endurance (switching cycles) typical | 100 000 |
| reference code acc. to IEC 81346-2 | Q |
| Substance Prohibitance (Date) | 01.10.2009 00:00:00 |
| Ambient conditions | |
| installation altitude at height above sea level maximum | 2 000 m |
| ambient temperature during operation | -20 +60 °C |
| ambient temperature during storage | -50 +80 °C |
| ambient temperature during transport | -50 +80 °C |
| temperature compensation | -20 +60 °C |
| relative humidity during operation | 10 95 % |
| Main circuit | |
| number of poles for main current circuit | 3 |
| adjustable current response value current of the current-dependent overload release | 2.2 3.2 A |
| operating voltage rated value | 690 V |
| operating voltage at AC-3 rated value maximum | 690 V |

| operational current rate Value | operating frequency rated value | 50 60 Hz |
|--|---|------------|
| operational current at AC-3 eral 230 V rated value eral 400 V rated value eral 400 V rated value eral 600 V rated | | |
| operating power at AC-3 | • | |
| al 230 V rated value | ' | U.2 A |
| al 400 V rated value | | 550 W |
| e at 800 V rated value | | |
| • at 690 V rated value operating frequency at Ac-3 maximum Auxiliary credit number of NC contacts for auxiliary contacts number of CO contacts for auxiliary contacts product function • ground fault detection • ground fault detection • phase failure detection • phase failure detection • at 240 V rated value • at 240 V rated value • at 400 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at AC at 440 V rated value • at AC at 450 V rated value • at AC at 450 V rated value • at AC at 500 V rated value • at 200 V rated value • at 500 V rated value • | | |
| operating frequency at AC-3 maximum Auxiliary circuit number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 Protective and monitoring functions product function • pround fault detection • at 240 V rated value • at 250 V rated value • at 260 V rated value • at 240 V rated value • at 250 V rated value • at 260 V rated value • at 280 V rated value • at 380 V ra | | |
| Auxiliary circuit number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of CO contacts for auxiliary contacts number of CO contacts for auxiliary contacts product function • ground fault detection • phase fallure detection • phase fallure detection • Yes CLASS 10 design of the overload release breaking capacity operating short-circuit current (les) at AC • at 240 V rated value • at 400 V rated value • at 400 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 600 V rated value • at AC at 800 V rated value • at 800 V | | |
| number of NC contacts for auxillary contacts number of NC contacts for auxillary contacts number of CO contacts for auxillary contacts product function | | 13 1/11 |
| number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 product function • ground fault detection • ground fault detection • ground fault detection • phase failure detection trip class CLASS 10 design of the overload release breaking capacity operating short-circuit current (lcs) at AC • at 240 V rated value • at 400 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 890 V rated value • at 800 V rated value • at 800 V rated value • at 800 V rated value • at 200 V rated value • at 200208 V rated value • at 200208 V rated value • at 575/600 V rated value • at 400 V • at 500 V • at 600 V • at 60 | | 0 |
| rounder of CO contacts for auxiliary contacts Protective and monitoring functions product function • ground fault detection • prase failure detection • prase failure detection • prase failure detection * Yes CLASS 10 thermal * breaking capacity operating short-circuit current (lcs) at AC • at 240 V rated value • at 400 V rated value • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 300 V rated value • at AC at 300 V rated value • at 600 V rated value • at 75/600 V rated value • at 400 V value value • at 75/600 V rated value • at 75/600 V rated value • at 400 V value value • at 400 V value value • at 500 V value value • at 75/600 V rated value • at 400 V value • at 400 V value value • at 400 V value value • at 500 V value value • at 600 V rated value • at 600 V r | - | |
| Protective and monitoring functions product function • ground fault detection • phase failure detection • phase failure detection trip class CLASS 10 design of the overload release breaking capacity operating short-circuit current (Ics) at AC • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at 80 V rated value • at 200 V rated value • at 30 V rated value • at 575/600 V rated value • at 475/600 V rated value • at 4700 V rated value • a | | |
| product function | · · · · · · · · · · · · · · · · · · · | |
| ground fault detection | | |
| phase failure detection trip class CLASS 10 design of the overload release thermal breaking capacity operating short-circuit current (ics) at AC at 240 V rated value 100 kA 1 | • | Na |
| trip class design of the overload release thermal breaking capacity operating short-circuit current (ics) at AC at 240 V rated value 100 kA at 400 V rated value 100 kA at 500 V rated value 100 kA at 63 0 V rated value 100 kA at 64 0 V rated value 100 kA at 65 0 V rated value 100 kA at 67 0 V rated value 100 kA at 70 0 V rated value 32 A at 70 0 V rated value 32 A at 70 0 V rated value 100 V rated value 100 kA at 70 0 V rated value 100 V rated value 100 kA at 70 0 V rated value 100 V rated value 100 kA at 70 0 V rated value 100 V rated value 100 kA at 70 0 V rated value 100 V rated value 100 kA at 70 0 V rated value 100 V rated value 100 kA at 70 0 V rated value 100 V rated value 100 kA at 70 0 V rate | _ | |
| design of the overload release brasking capacity operating short-circuit current (ics) at AC at 240 V rated value at 400 V rated value 100 kA at 590 V rated value 100 kA brasking capacity maximum short-circuit current (icu) at 40 cat 240 V rated value 100 kA brasking capacity maximum short-circuit current (icu) at AC at 240 V rated value 100 kA 100 | | |
| breaking capacity operating short-circuit current (Ics) at AC at 240 V rated value at 400 V rated value 100 kA 10 | • | |
| at AC at 240 V rated value at 400 V rated value 100 kA at 500 V rated value 100 kA 100 kA at 500 V rated value 100 kA breaking capacity maximum short-circuit current (Icu) at AC at 240 V rated value 100 kA at AC at 240 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 500 V rated value 30 kA at AC at 500 V rated value 31 kA at AC at 500 V rated value 32 A price at 480 V rated value 32 A yielded mechanical performance [hp] for single-phase AC motor at 100 v rated value 32 A yielded mechanical performance [hp] for single-phase AC motor at 100 v rated value 32 A yielded mechanical performance [hp] for single-phase AC motor at 100 v rated value 32 b p for 3-phase AC motor at 200 v rated value 35 b p at 200 v rated value 30 b p at 200 v rated value 30 b p at 200 v rated value 30 b p at 575 kB at 500 v rated value 32 b p Short-circuit protection product function short circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit at 400 v at 500 v at | | tnermai |
| | | |
| • at 500 V rated value • at 690 V rated value • at 690 V rated value • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 240 V rated value • at AC at 5500 V rated value • at AC at 5500 V rated value • at AC at 690 V rated value • at 480 V rated value • at 480 V rated value • at 600 V rated value • at 600 V rated value • at 230 V rated value • for 3-phase AC motor • at 110/120 V rated value • for 3-phase AC motor • at 230 V rated value • for 3-phase AC motor • at 480/480 V rated value • of 32 Phase AC motor • at 460/480 V rated value • 1.5 hp • at 250/230 V rated value • 1.5 hp • at 575/600 V rated value • 2 hp Short-circuit protection product function short circuit protection design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 600 V • at 600 V • at 600 V • at 600 V LyGG 25 A LyGG | at 240 V rated value | 100 kA |
| breaking capacity maximum short-circuit current (icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value 100 kA at AC at 690 V rated value 100 kA at AC at 690 V rated value 100 kA at AC at 690 V rated value response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 3.2 A 3.2 A 3.2 A 3.2 A 3.2 A yielded mechanical performance [hp] for single-phase AC motor - at 110/120 V rated value 0.25 hp - at 230 V rated value 0.25 hp - at 220/230 V rated value - at 220/230 V rated value 0.75 hp - at 460/480 V rated value 0.75 hp - at 460/480 V rated value 0.75 hp - at 460/380 V rated value 0.75 hp - at 460/380 V rated value 0.75 hp - at 470/380 V rated value 0.75 hp - at 480 V rated value 0.75 hp - at 470/380 V rated value 0.75 hp - at 480 V rated value 0.75 hp - at 470/380 V rated value 0.75 hp - at 470/380 V rated value 0.75 hp - at 480 V rated value 0.75 hp - at 470/380 V rated value 0.75 hp - at 470/380 V rated value 0.75 hp - at 470/380 V rated value 0.75 hp - at 480 V rated value 0.75 hp - at 220 V rated value 0.75 hp - at 220 V rated value 0.75 hp - at 220 V rated value 0.75 hp - at 480 V rated value 0.75 hp | at 400 V rated value | 100 kA |
| breaking capacity maximum short-circuit current (Icu) at AC at 240 V rated value at AC at 400 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 690 V rated value 100 kA at AC at 690 V rated value 100 kA eat AC at 690 V rated value 100 kA 65 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 3.2 A at 600 V rated value 3.2 A yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value 3.2 h for 3-phase AC motor — at 220/230 V rated value 3.5 hp at 220/230 V rated value 3.5 hp 3.7 hp 4 to 60/480 V rated value 3.7 hp 5 hp 5 hp 5 hort-circuit protection product function short circuit protection geting of the short-circuit trip design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit at 400 V at 600 V gL/gG 25 A gL/gG 32 A yl/gG 25 A gL/gG 32 A lnstallation/ mounting/ dimensions mounting position fastening method according to DIN EN 60715 | at 500 V rated value | 100 kA |
| at AC at 240 V rated value at AC at 400 V rated value 100 kA 100 | at 690 V rated value | 10 kA |
| at AC at 240 V rated value at AC at 400 V rated value 100 kA 100 | breaking capacity maximum short-circuit current (Icu) | |
| ■ at AC at 500 V rated value ■ at AC at 690 V rated value response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor ■ at 480 V rated value ■ at 600 V rated value ■ at 600 V rated value ■ at 100 V rated value ■ at 230 V rated value ■ at 220/238 V rated value ■ at 220/230 V rated value ■ at 220/230 V rated value ■ at 860/480 V rated value ■ at 275/600 V rated value ■ at 575/600 V rated value ■ at 575/600 V rated value ■ at 860/480 V rated value □ at 875/600 V rated value □ at 875/600 V rated value □ by glyg 32 A ■ at 890 V ■ at 890 V ■ at 890 V Installation/ mounting/ dimensions mounting position fastening method ■ correction to In Exposition for the mounting onto 35 mm standard mounting rail according to DIN EN 60715 height | | 100 kA |
| at AC at 690 V rated value response value current of instantaneous short-circuit trip unit LUCSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 3.2 A at 600 V rated value 3.2 A yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value 0.1 hp at 230 V rated value 0.5 hp for 3-phase AC motor at 200/208 V rated value 0.5 hp at 220/230 V rated value 0.75 hp at 460/480 V rated value 1.5 hp at 575/600 V rated value 2 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit at 400 V at 500 V at 500 V at 500 V at 500 V at 600 V screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | • at AC at 400 V rated value | 100 kA |
| response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 V rated value • at 100120 V rated value - at 110/120 V rated value - at 230 V rated value • for 3-phase AC motor - at 200/208 V rated value - at 220/230 V rated value - at 220/230 V rated value - at 460/480 V rated value - at 575/600 V rated value - at 200/200 V rated value - at 200 | • at AC at 500 V rated value | 100 kA |
| unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 9 3.2 A yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 0.1 hp — at 230 V rated value 0.25 hp • for 3-phase AC motor — at 200/208 V rated value 0.5 hp — at 220/230 V rated value 0.75 hp — at 460/480 V rated value 1.5 hp — at 4575/600 V rated value 2 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method height 106 mm | • at AC at 690 V rated value | 10 kA |
| full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 3.2 A yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value 0.25 hp for 3-phase AC motor — at 200/208 V rated value of 67 3-phase AC motor — at 200/208 V rated value 0.5 hp — at 220/230 V rated value 0.75 hp — at 460/480 V rated value 0.75 hp — at 575/600 V rated value 2 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit 0 at 400 V 0 at 500 V 0 at 500 V 0 at 690 V 0 sl/gG 25 A 0 at 500 V 0 at 690 V 0 screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height | · | 65 A |
| at 480 V rated value at 600 V rated value 3.2 A yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value 0.1 hp at 230 V rated value of or 3-phase AC motor at 200/208 V rated value 0.5 hp at 220/230 V rated value 0.75 hp at 460/480 V rated value at 575/600 V rated value 2 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit at 400 V at 500 V at 500 V at 690 V gL/gG 25 A at 690 V gL/gG 25 A Installation/ mounting/ dimensions mounting position any screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | UL/CSA ratings | |
| at 480 V rated value at 600 V rated value 3.2 A yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value 0.1 hp at 230 V rated value of or 3-phase AC motor at 200/208 V rated value 0.5 hp at 220/230 V rated value 0.75 hp at 460/480 V rated value at 575/600 V rated value 2 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit at 400 V at 500 V at 500 V at 690 V gL/gG 25 A at 690 V gL/gG 25 A Installation/ mounting/ dimensions mounting position any screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | full-load current (FLA) for 3-phase AC motor | |
| yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value • at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value — 2 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height | at 480 V rated value | 3.2 A |
| for single-phase AC motor — at 110/120 V rated value — at 230 V rated value — of 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 575/600 V rated value — by product function short circuit protection product function short circuit trip design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit — at 400 V — at 500 V — at 690 V Installation/ mounting/ dimensions mounting position fastening method height 0.1 hp 0.25 hp 0.5 hp 0.75 hp 1.5 hp 2 hp Short-circuit protection Yes magnetic yes magnetic gL/gG 25 A gL/gG 25 A gL/gG 32 A gL/gG 32 A gL/gG 32 A gL/gG 35 A Installation/ mounting/ dimensions mounting position fastening method any screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | at 600 V rated value | 3.2 A |
| - at 110/120 V rated value - at 230 V rated value 9 for 3-phase AC motor - at 200/208 V rated value 0.5 hp - at 220/230 V rated value 0.75 hp - at 460/480 V rated value 1.5 hp - at 575/600 V rated value 2 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method height 0.1 hp 0.25 hp 0.25 hp 0.75 h | yielded mechanical performance [hp] | |
| - at 230 V rated value • for 3-phase AC motor - at 200/208 V rated value 0.5 hp - at 220/230 V rated value 0.75 hp - at 460/480 V rated value 1.5 hp - at 575/600 V rated value 2 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method fastening method height 0.25 hp 0.25 hp 0.25 hp 0.25 hp 0.25 hp 0.25 hp 0.27 hp 0.28 hp 0.29 | for single-phase AC motor | |
| • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value Product function short circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit at 400 V at 500 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method fastening method are 1.5 hp 2 hp Yes magnetic gL/gG 25 A gL/gG 25 A gL/gG 32 A gL/gG 32 A gL/gG 32 A gL/gG 25 A Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height | at 110/120 V rated value | 0.1 hp |
| - at 200/208 V rated value | — at 230 V rated value | 0.25 hp |
| - at 220/230 V rated value 0.75 hp - at 460/480 V rated value 1.5 hp - at 575/600 V rated value 2 hp Short-circuit protection product function short circuit protection 4 design of the short-circuit trip 5 magnetic design of the fuse link for IT network for short-circuit protection of the main circuit 6 at 400 V 9 gL/gG 25 A 9 at 500 V 9 gL/gG 32 A 9 at 690 V 9 gL/gG 25 A 9 lnstallation/ mounting/ dimensions mounting position 5 any 6 fastening method 6 screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 1.5 hp 1 | • for 3-phase AC motor | |
| - at 460/480 V rated value - at 575/600 V rated value 2 hp Short-circuit protection product function short circuit protection design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method any fastening method 1.5 hp 2 hp 2 hp Yes magnetic yes magnetic yes magnetic angl/gG 25 A gL/gG 32 A gL/gG 32 A gL/gG 32 A solve at 690 V gL/gG 35 A Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height | — at 200/208 V rated value | 0.5 hp |
| Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method according to DIN EN 60715 height Yes magnetic gL/gG 25 A gL/gG 25 A gL/gG 32 A gL/gG 32 A gL/gG 25 A | — at 220/230 V rated value | 0.75 hp |
| Short-circuit protection product function short circuit protection design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | — at 460/480 V rated value | 1.5 hp |
| product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height Yes magnetic Yes magnetic gL/gG 25 A gL/gG 25 A gL/gG 32 A gL/gG 32 A screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 | — at 575/600 V rated value | 2 hp |
| design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method magnetic magnetic gL/gG 25 A gL/gG 25 A gL/gG 32 A gL/gG 32 A gL/gG 25 A Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | Short-circuit protection | |
| design of the fuse link for IT network for short-circuit protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method any screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | product function short circuit protection | Yes |
| protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method any screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | design of the short-circuit trip | magnetic |
| at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method any screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | | |
| ● at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | • at 400 V | gL/gG 25 A |
| Installation/ mounting/ dimensions mounting position any fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | • at 500 V | gL/gG 32 A |
| mounting position any fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | • at 690 V | gL/gG 25 A |
| fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | Installation/ mounting/ dimensions | |
| fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 106 mm | mounting position | any |
| height 106 mm | | |
| width 45 mm | height | |
| TO IIIII | width | 45 mm |

| depth | 97 mm |
|---|---|
| required spacing | OF HILL |
| • for grounded parts at 400 V | |
| — downwards | 30 mm |
| — upwards | 30 mm |
| — at the side | 9 mm |
| • for live parts at 400 V | |
| — downwards | 30 mm |
| — upwards | 30 mm |
| — at the side | 9 mm |
| • for grounded parts at 500 V | |
| — downwards | 30 mm |
| — upwards | 30 mm |
| — at the side | 9 mm |
| for live parts at 500 V | |
| — downwards | 30 mm |
| — upwards | 30 mm |
| — at the side | 9 mm |
| for grounded parts at 690 V | |
| — downwards | 50 mm |
| — upwards | 50 mm |
| — backwards | 0 mm |
| — at the side | 30 mm |
| — forwards | 0 mm |
| ● for live parts at 690 V | |
| — downwards | 50 mm |
| — upwards | 50 mm |
| — backwards | 0 mm |
| — at the side | 30 mm |
| | |
| — forwards | 0 mm |
| Connections/ Terminals | |
| 1 1 1 | No No |
| Connections/ Terminals product function removable terminal for auxiliary and | |
| Connections/ Terminals product function removable terminal for auxiliary and control circuit | |
| Connections/ Terminals product function removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit arrangement of electrical connectors for main current | No |
| Connections/ Terminals product function removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit | No spring-loaded terminals |
| connections/ Terminals product function removable terminal for auxiliary and control circuit type of electrical connection | No spring-loaded terminals |
| Connections/ Terminals product function removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts | No spring-loaded terminals Top and bottom |
| connections/ Terminals product function removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded | No spring-loaded terminals Top and bottom 2x (0,5 4 mm²) |
| product function removable terminal for auxiliary and control circuit type of electrical connection | No spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) |
| product function removable terminal for auxiliary and control circuit type of electrical connection | No spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) |
| product function removable terminal for auxiliary and control circuit type of electrical connection | Spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) |
| product function removable terminal for auxiliary and control circuit type of electrical connection | Spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm |
| product function removable terminal for auxiliary and control circuit type of electrical connection | Spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) |
| product function removable terminal for auxiliary and control circuit type of electrical connection | No spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm |
| product function removable terminal for auxiliary and control circuit type of electrical connection | No spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm |
| product function removable terminal for auxiliary and control circuit type of electrical connection | Spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm |
| product function removable terminal for auxiliary and control circuit type of electrical connection | Spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm |
| product function removable terminal for auxiliary and control circuit type of electrical connection | Spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm |
| product function removable terminal for auxiliary and control circuit type of electrical connection | Spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm |
| product function removable terminal for auxiliary and control circuit type of electrical connection | Spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm |
| product function removable terminal for auxiliary and control circuit type of electrical connection | Spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 % |
| product function removable terminal for auxiliary and control circuit type of electrical connection | Spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 % 50 FIT |
| product function removable terminal for auxiliary and control circuit type of electrical connection | Spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 % 50 FIT 10 y |
| product function removable terminal for auxiliary and control circuit type of electrical connection | No spring-loaded terminals Top and bottom 2x (0,5 4 mm²) 2x (0.5 2.5 mm²) 2x (0.5 2.5 mm²) 2x (20 12) Diameter 3 mm 3,0 x 0,5 mm 5 000 50 % 50 % 50 FIT 10 y IP20 |
| product function removable terminal for auxiliary and control circuit type of electrical connection | Spring-loaded terminals Top and bottom $2x (0,5 4 mm^2)$ $2x (0.5 2.5 mm^2)$ $2x (0.5 2.5 mm^2)$ $2x (20 12)$ Diameter 3 mm $3,0 \times 0,5 mm$ $5 000$ 50% $50 FIT$ $10 y$ IP20 finger-safe, for vertical contact from the front |











Miscellaneous

Test Certificates

Marine / Shipping

Type Test
Certificates/Test
Report

Special Test Certificate









Marine / Shipping

other

Railway







Confirmation



Vibration and Shock

Railway

Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2411-1DA20

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2411-1DA20

 ${\bf Service \& Support~(Manuals,~Certificates,~Characteristics,~FAQs,...)}$

https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-1DA20

 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

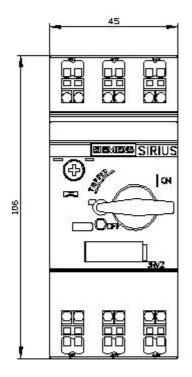
 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2411-1DA20\&lang=en}}$

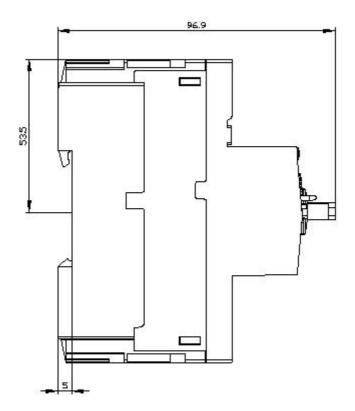
Characteristic: Tripping characteristics, I2t, Let-through current

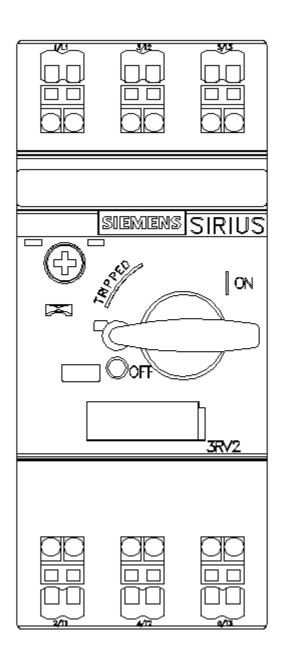
https://support.industry.siemens.com/cs/ww/en/ps/3RV2411-1DA20/char

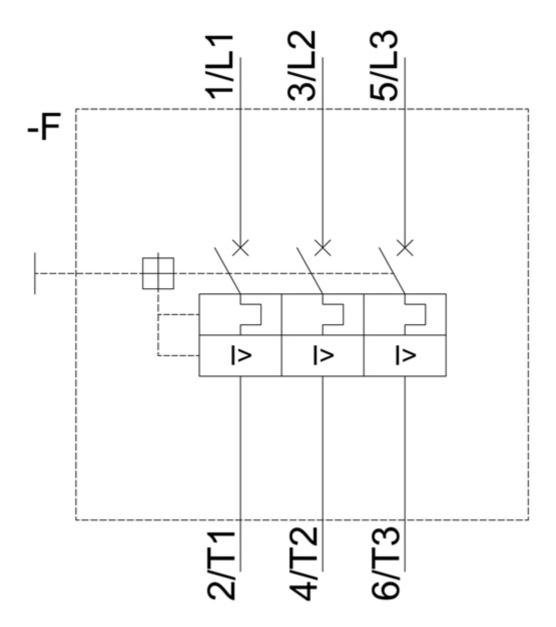
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2411-1DA20&objecttype=14&gridview=view1









last modified: 12/15/2020 ☑